

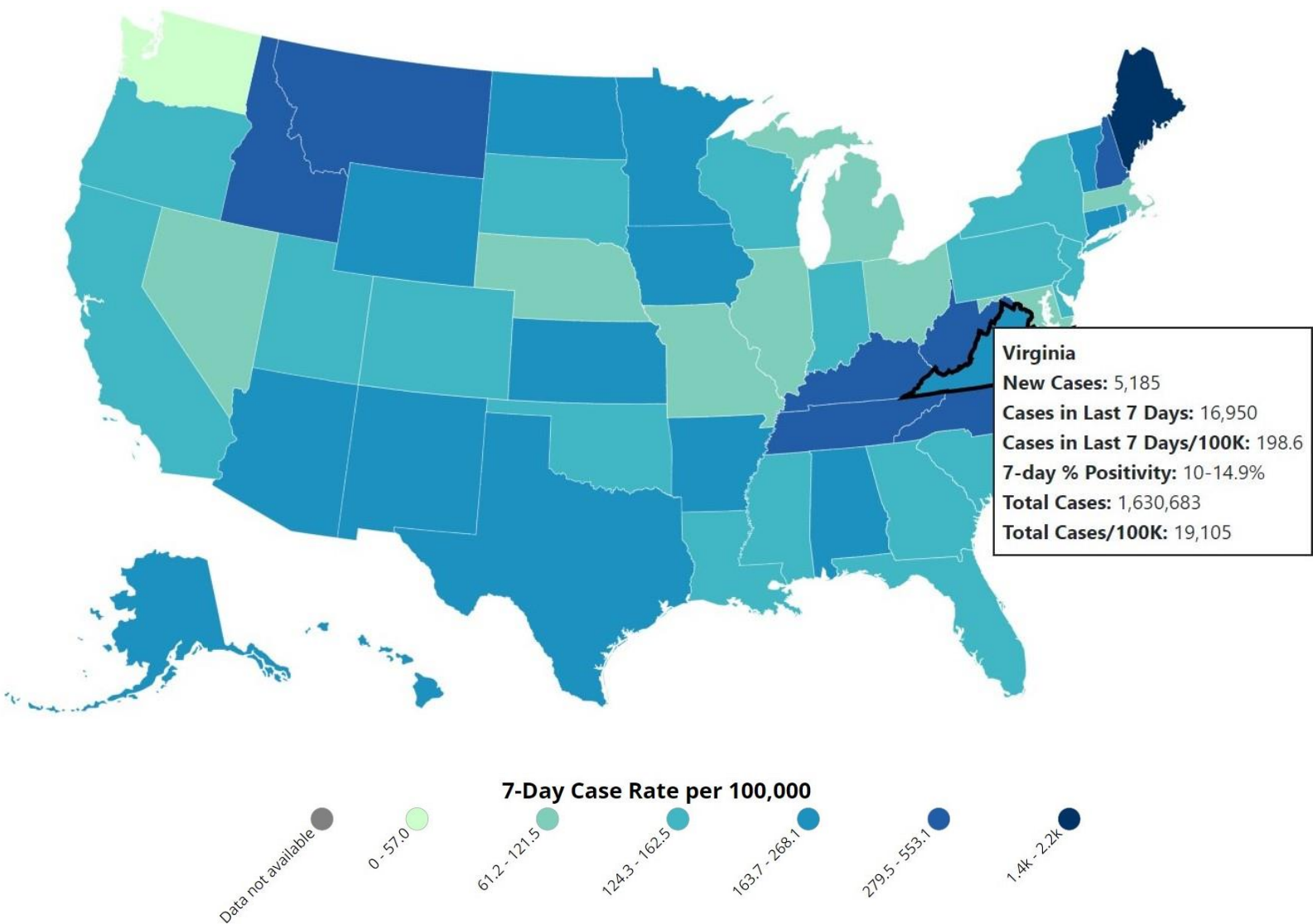
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# Virginia COVID-19 Surveillance Data Update

February 24, 2022



US COVID-19: 7-Day Case Rate per 100,000, by State/Territory



	Cases in the Last 7 Days Per 100k Population
Virginia	198.6 (-26.4%)
U.S.	165.1 (-41.9%)
Maine	1,595.1 (+14.5%)
Idaho	553.1 (-13.6%)
Kentucky	511.7 (1.8%)

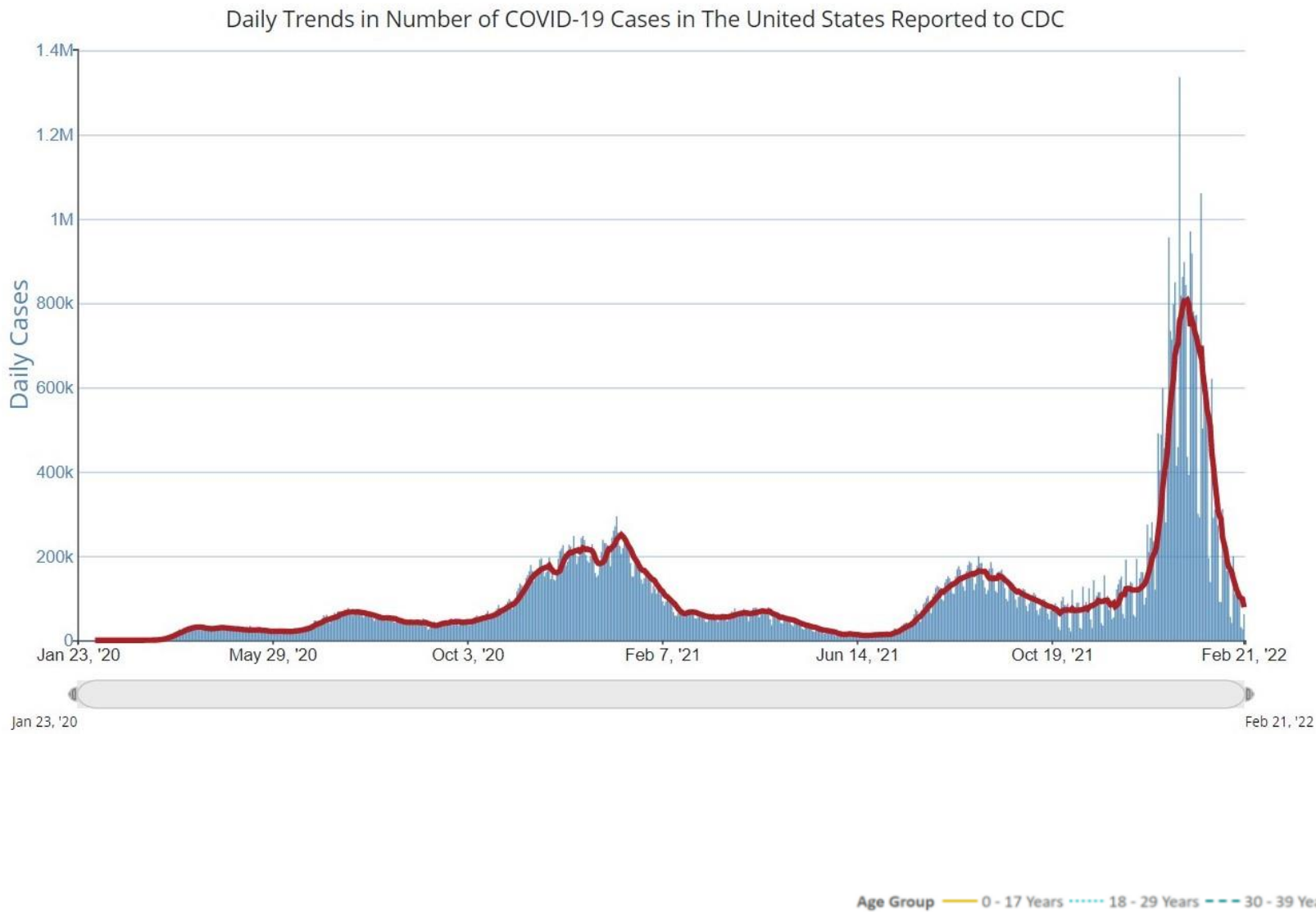
Our Neighbors

Rates Higher than Virginia

North Carolina, **279.5** (-33.8%)  
West Virginia, **444.5**(-32.5%)  
Tennessee **316.9** (-32.3%)  
Kentucky, **511.7** (-1.8%)

Rates Lower than Virginia:

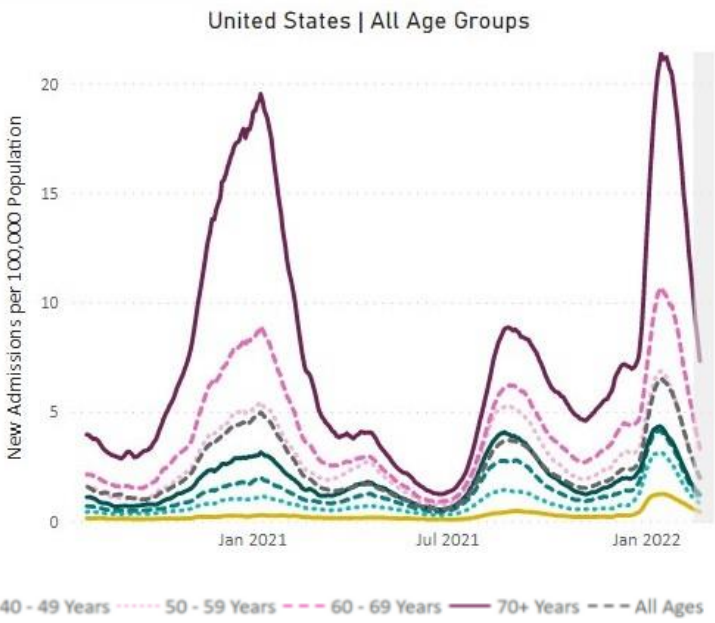
District of Columbia, **57** (-57.8%)  
Maryland, **86.6** (-7.1%)



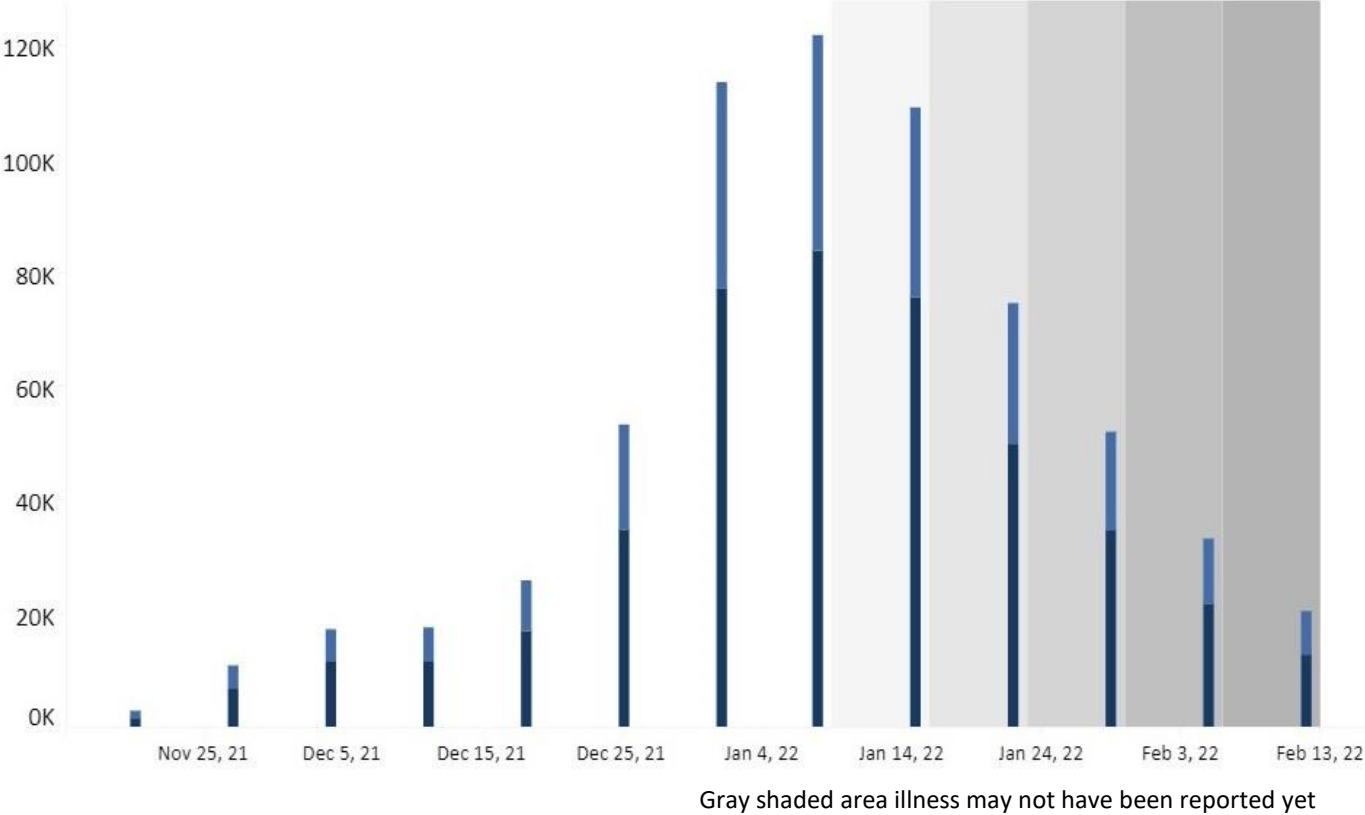
Compared to last week, **cases** decreased to 78,306 (7-day MA) per day (-46.3%)

**Hospitalizations** decreased to 6,568 (7-day MA) per day (-31.8%)

**Deaths** decreased to 1,597 (7-day MA) per day (-28.3%)



### Cases by Date of Symptom Onset, Past 13 weeks

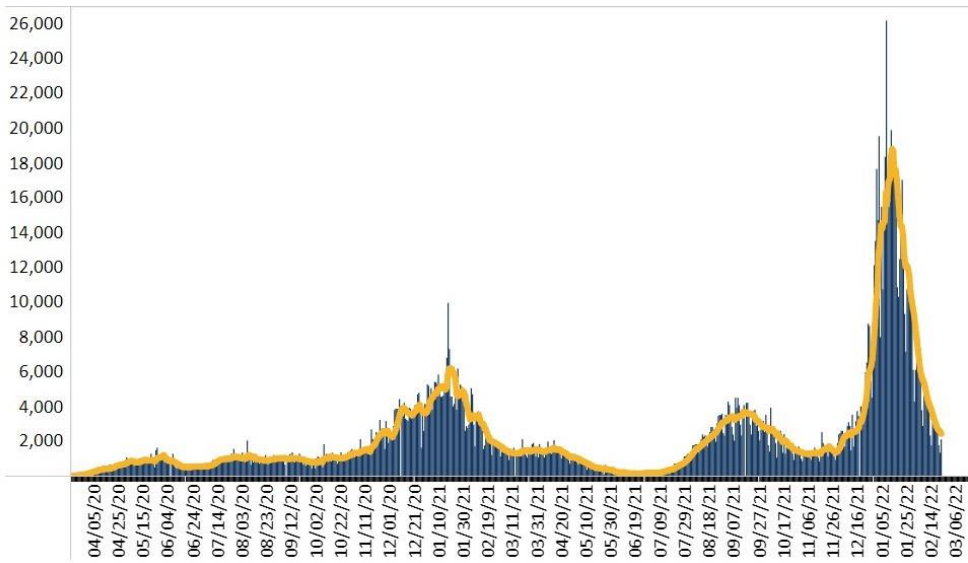


Compared to last week, **cases decreased** to 2,423 (7-day MA) from 3,296 per day (-25.5%)

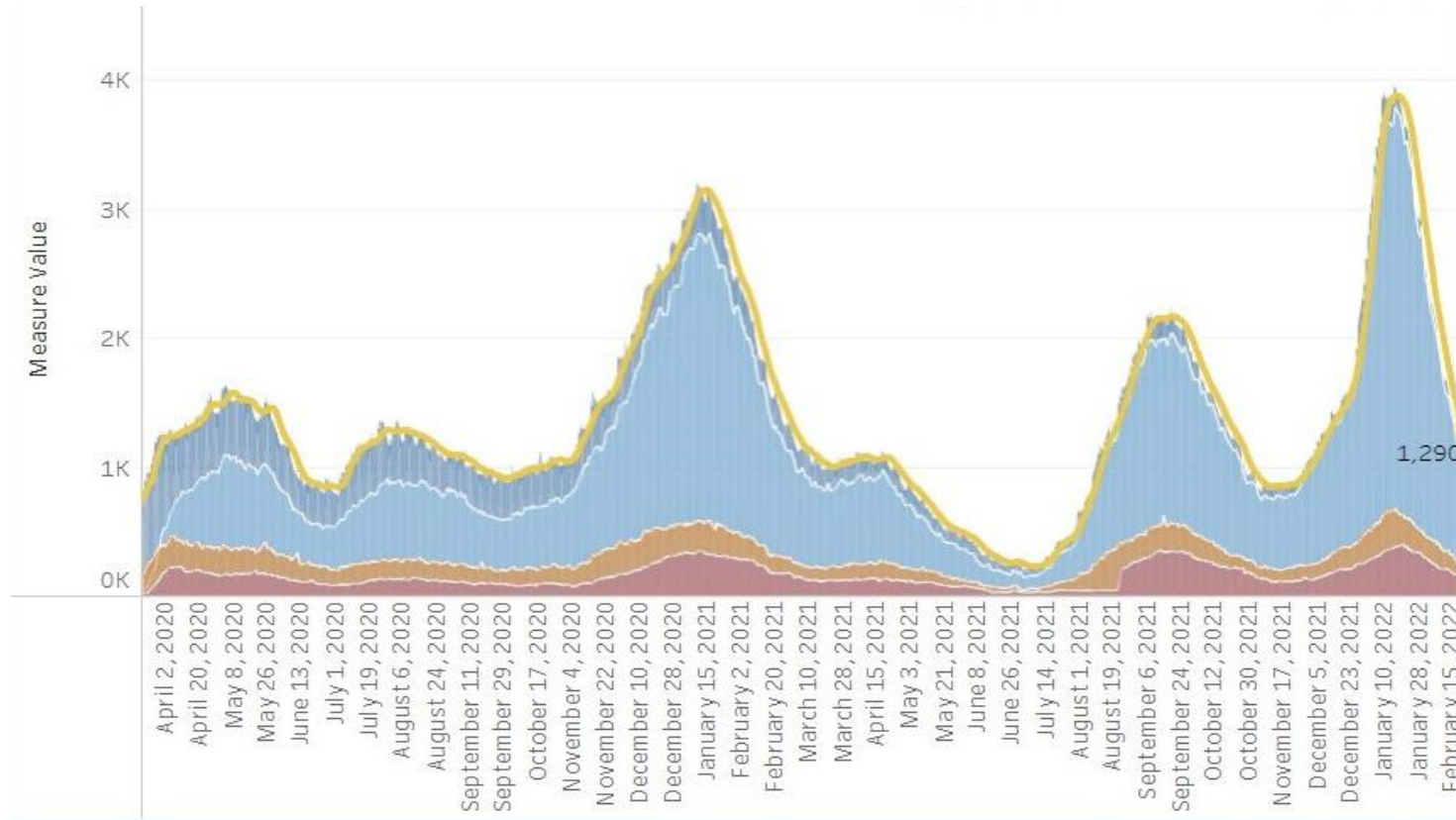
**Hospitalizations decreased** to 1,290 per day (7-day MA) (-26.8%)

**Deaths decreased** to 57 (-62.5%) (Date of Death)

### Cases by Date Reported, All Reporting Timeline



## COVID-19 in Virginia Hospitals



- Confirmed COVID-19 Patients Currently on Ventilator Support\*
- ICU Hospitalizations (Confirmed + Pending)
- CONFIRMED Hospitalizations
- Total Current COVID Hospitalizations (Confirmed + Pending)
- 7 Day Moving Average of COVID-19 Current Hospitalizations (Confirmed + Pending)

- Compared to last week hospitalizations **decreased to 1,290** (7-day MA) from 1,763 (-26.8%)
- Compared to last week. ICU hospitalizations have **decreased to 240** from 355 (-32.4%)
- 148 patients** are currently on ventilator support (-28.8%)



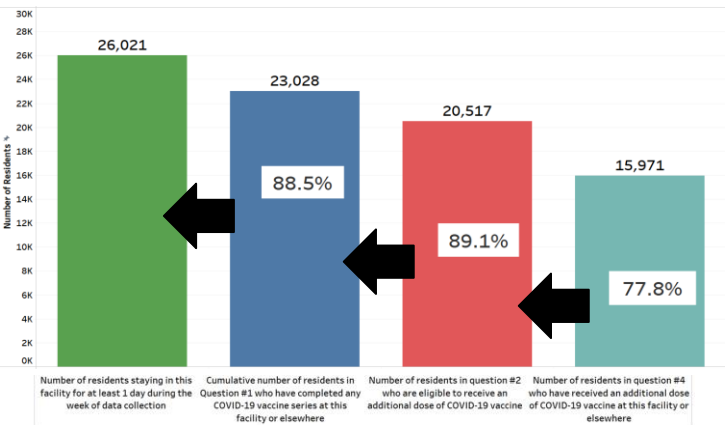
# COVID-19 Burden in Virginia LTCFs

## Key Trends

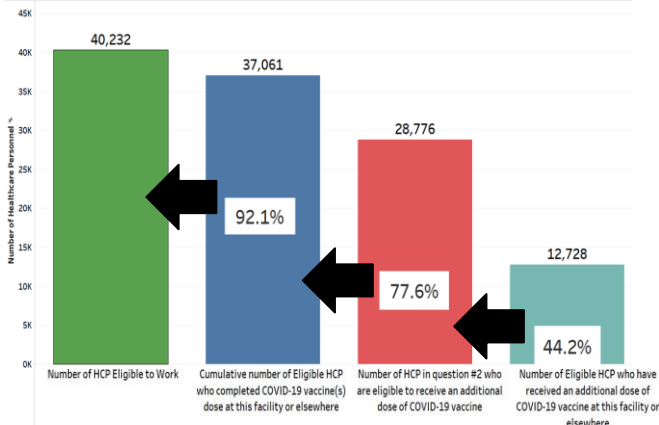
- There were **126 LTCF COVID-19 outbreaks reported in the past 30 days**: 15 in Eastern, 20 in Central, 29 in Northwest, 24 in Northern, and 38 in Southwest (*see figure top right*).
- The number of reported staff cases has declined in the past couple of weeks. The number of reported resident cases continued to decline during the most recent reporting week (*see figure bottom right*).
  - For the reporting week ending February 20, 2022, **337 resident and 234 staff cases were reported to NHSN**. Data for this reporting week are preliminary.
- For reporting week ending February 13, 2022, data reported by 284 nursing homes showed 89% of residents were fully vaccinated; data reported by 284 nursing homes showed 92% of staff were fully vaccinated (*see figures bottom left*).
  - Of the nursing home residents eligible to receive an additional dose or booster, **78% of residents have received an additional dose or booster** of COVID-19 vaccine.
  - Of the nursing home healthcare personnel eligible to receive an additional dose or booster, **44% of staff have received an additional dose or booster** of COVID-19 vaccine.

## COVID-19 Booster Vaccination in Virginia Nursing Homes

Nursing Home Residents

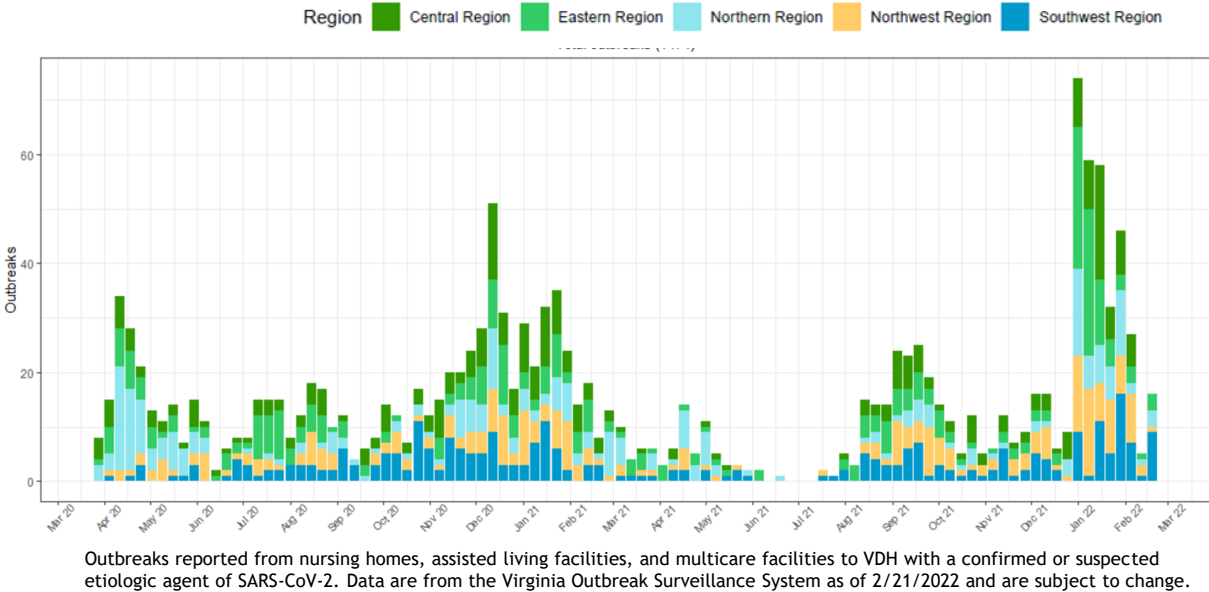


Nursing Home Staff

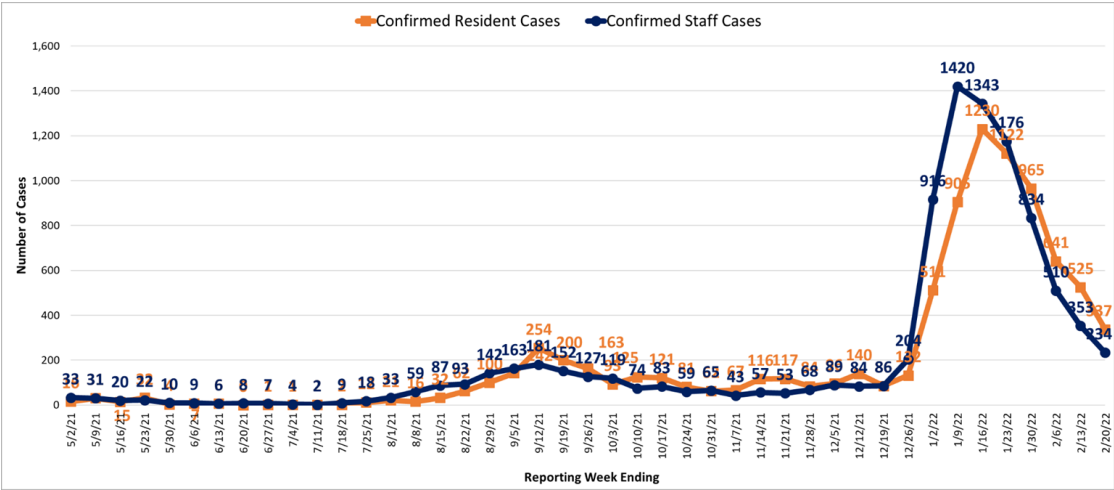


Data were reported by 286 Virginia nursing homes into the National Healthcare Safety Network (NHSN) as of 2/22/2022 and are subject to change, including booster eligibility per [updated vaccine guidance](#). In Virginia, 284 nursing homes reported resident vaccination data for reporting week ending 2/13/2022; 284 nursing homes reported staff vaccination data for reporting week ending 2/13/2022. For staff type definitions, refer to [NHSN Table of Instructions](#).

## Number and Region of LTCF COVID-19 Outbreaks by Date VDH Notified



## Nursing Home Resident and Staff COVID-19 Cases



Data are from NHSN as of 2/22/2022 and are subject to change. For reporting information, please refer to the NHSN data collection forms: [residents](#), [staff](#).

Metrics date: 2/20/2022

New cases per 100k within the last 7 days

% Positivity 7-day moving average

COVID-like ED visits rate per 100k

Central

194.3



Eastern

133.4



Far Southwest

650.7



Near Southwest

366.4



Northern

142.5



Northwest

251.6



12.3%



11.6%



27.1%



15.6%



6.5%



14.4%



12.8



8.1



21.9



17.7



4.2



8.8

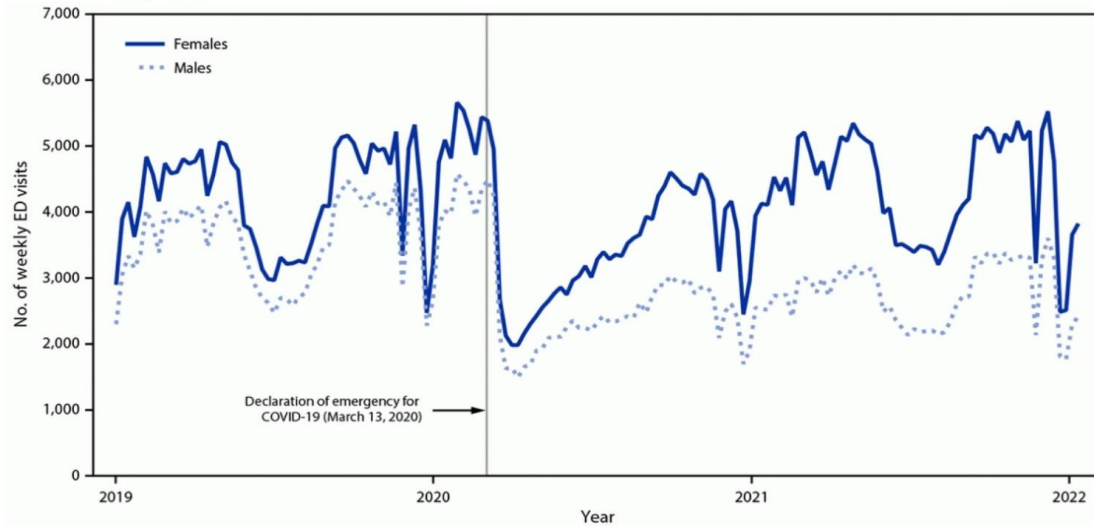


Burden	Level 0	Level 1	Level 2	Level 3	Level 4
New Cases	<10	10-49		50-100	>100
% Positivity	<3	3-5	5-8	8-10	>10
CLI ED Visits	<4		4-5.9		≥6

Symbol	Trend
↑	Increasing
↓	Decreasing
○	Fluctuating

Please note: the methods used this week have changed slightly; data is now compared from Sunday to Sunday instead of Wednesday to Wednesday

FIGURE 1. Weekly number of emergency department visits\* for overall mental health conditions\* among children and adolescents aged 0–17 years, by sex — National Syndromic Surveillance Program, United States, 2019–2022



## Findings from 2/18 CDC MMWR on Pediatric Mental Health:

- ED visits increased by 24% among U.S. children aged 5–11 years
- ED visits increased 31% among adolescents aged 12–17 years from 2019
- Female adolescents aged 12–17 years accounted for the largest increases in ED mental health conditions (MHCs)
- Compared to 2019, weekly ED visits among adolescent females increased:
  - In 2020 for two of nine MHCs
  - In 2021 for four of nine MHCs
  - In January 2022 for five of nine MHCs

## Adolescent Mental Health Challenges:

In 2021, a national emergency for children’s mental health was declared in the United States due to exacerbating effects of COVID-19.

Researchers suggest increase in adolescent mental health issues are likely due to:

- Increased at home stressors
- Closing and reopening of schools
- Change between virtual and in-person learning
- Loss of peer interaction
- Loneliness and isolation

## Federal Funding to States to Address Mental Health and Addiction:

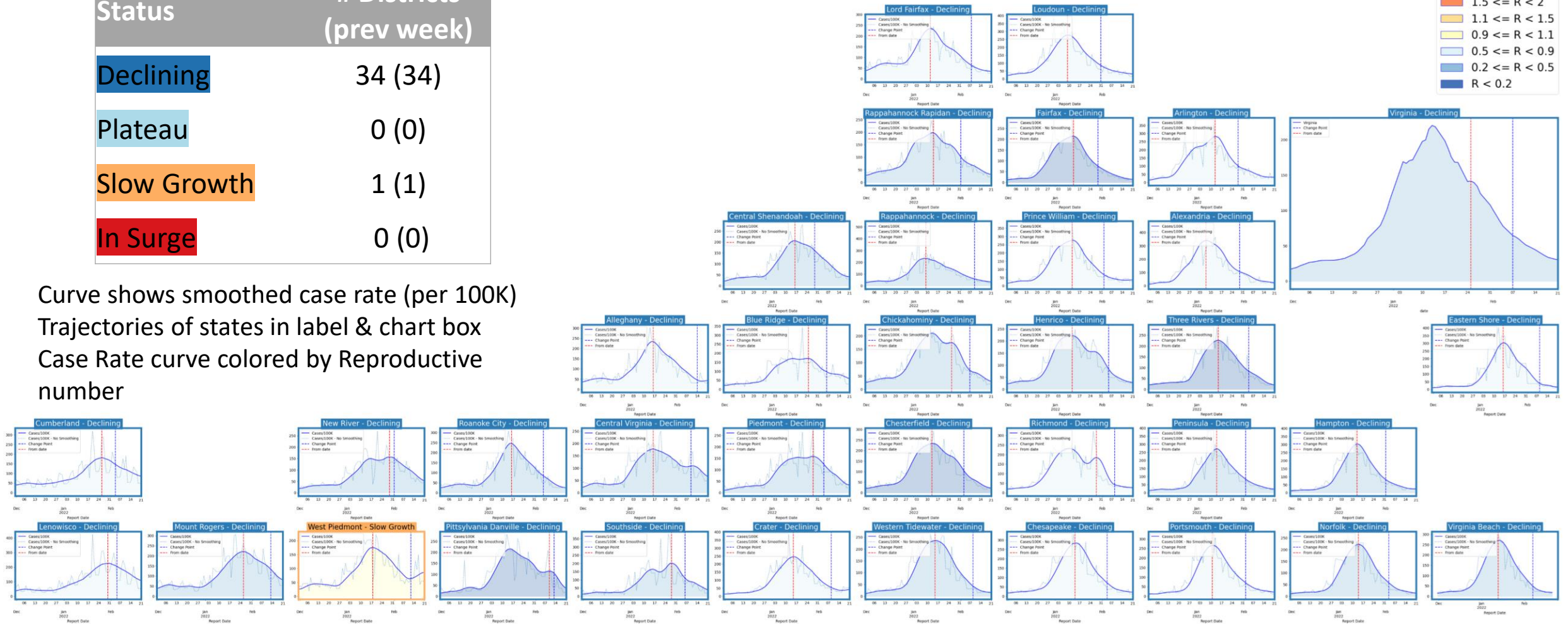
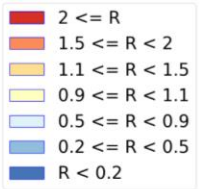
- SAMHSA announced distribution of \$2.5 billion in March 2021 and \$3 billion in May 2021 in funding through two block grant programs.
- Community Mental Health Services Block Grant Program
  - Goal: Support provision of comprehensive community mental health services
- Substance Abuse Prevention and Treatment Block Grant Program
  - Goal: Plan, implement, and evaluate activities to prevent and treat substance use disorder

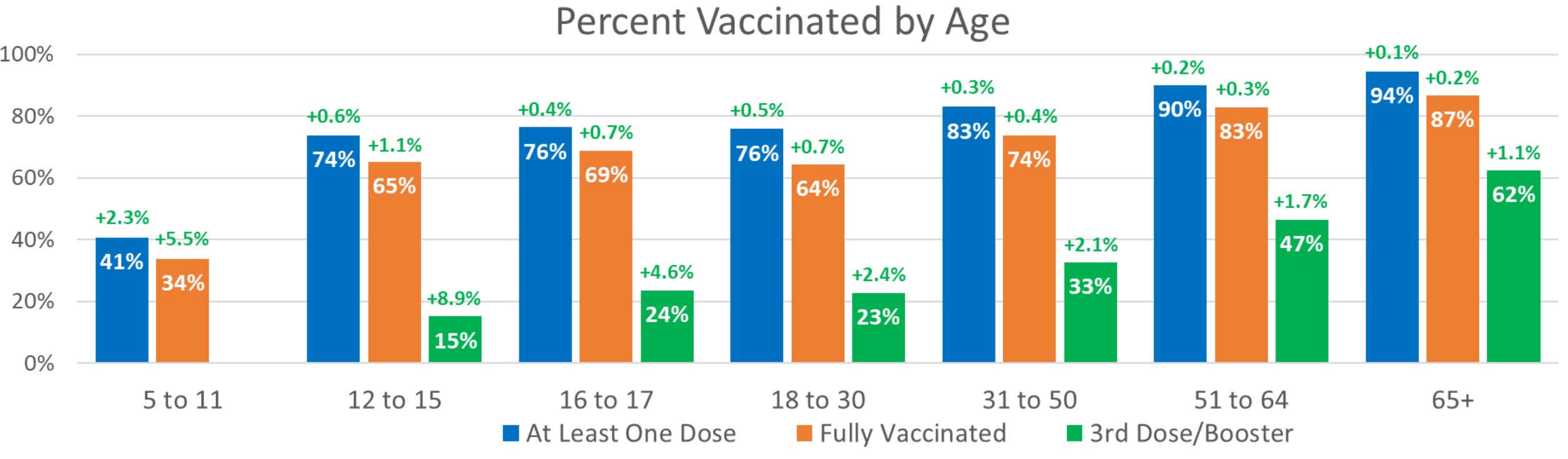


# District Trajectories – last 10 weeks

Status	# Districts (prev week)
Declining	34 (34)
Plateau	0 (0)
Slow Growth	1 (1)
In Surge	0 (0)

Curve shows smoothed case rate (per 100K)  
Trajectories of states in label & chart box  
Case Rate curve colored by Reproductive  
number



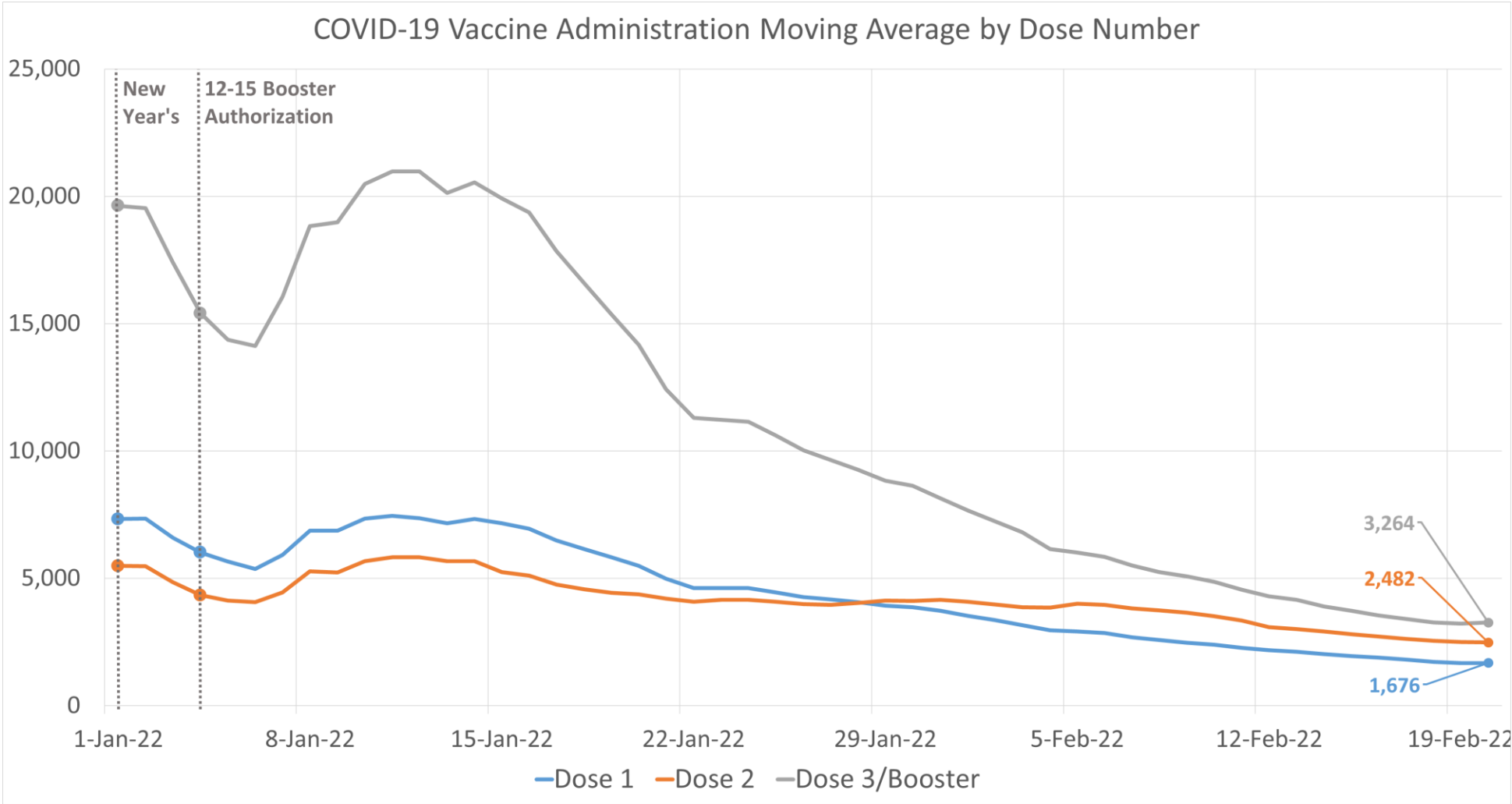


### Virginia Vaccination by Age

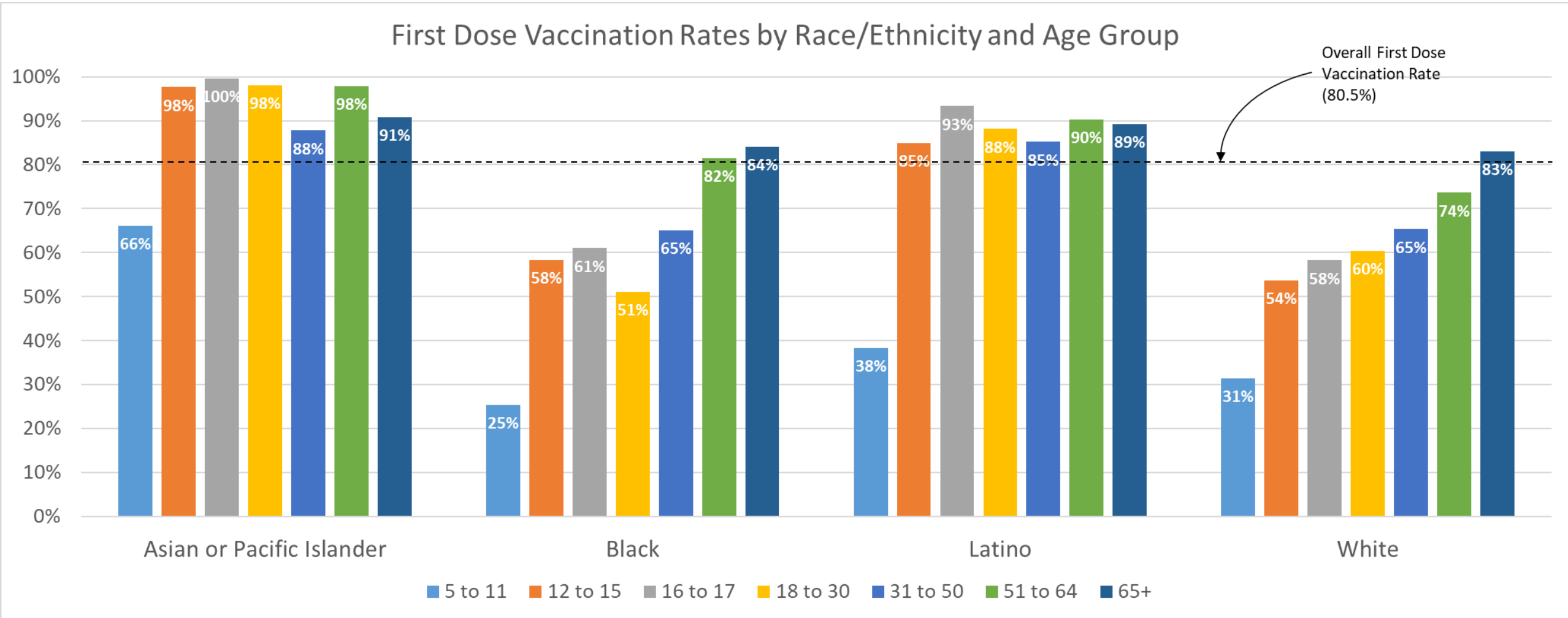
- ✓ **71.9% (+2.2%)** of the Total Population is Fully Vaccinated
- ✓ **40.2% (+2.3%)** of the Total Population is “Up-to-Date” with their Vaccinations
- ✓ **56.3% (+3.1%)** of the Eligible Population and **32.5% (+5.5%)** of Total Population Vaccinated with 3<sup>rd</sup> Dose/Booster
- ✓ **91.7% (+2.0%)** of the Adult (18+) Population and **56.6% (+2.7%)** of 5 to 17 year olds Vaccinated with at Least One Dose
- Green percent represents percent increase from two weeks prior

First Dose, Second Dose, and Booster Administrations Have Decreased

- Over the past 4 weeks, Third Dose/Booster Administrations have decreased by over 70%
- First and Second Dose Administrations continue to remain at an all-time-low

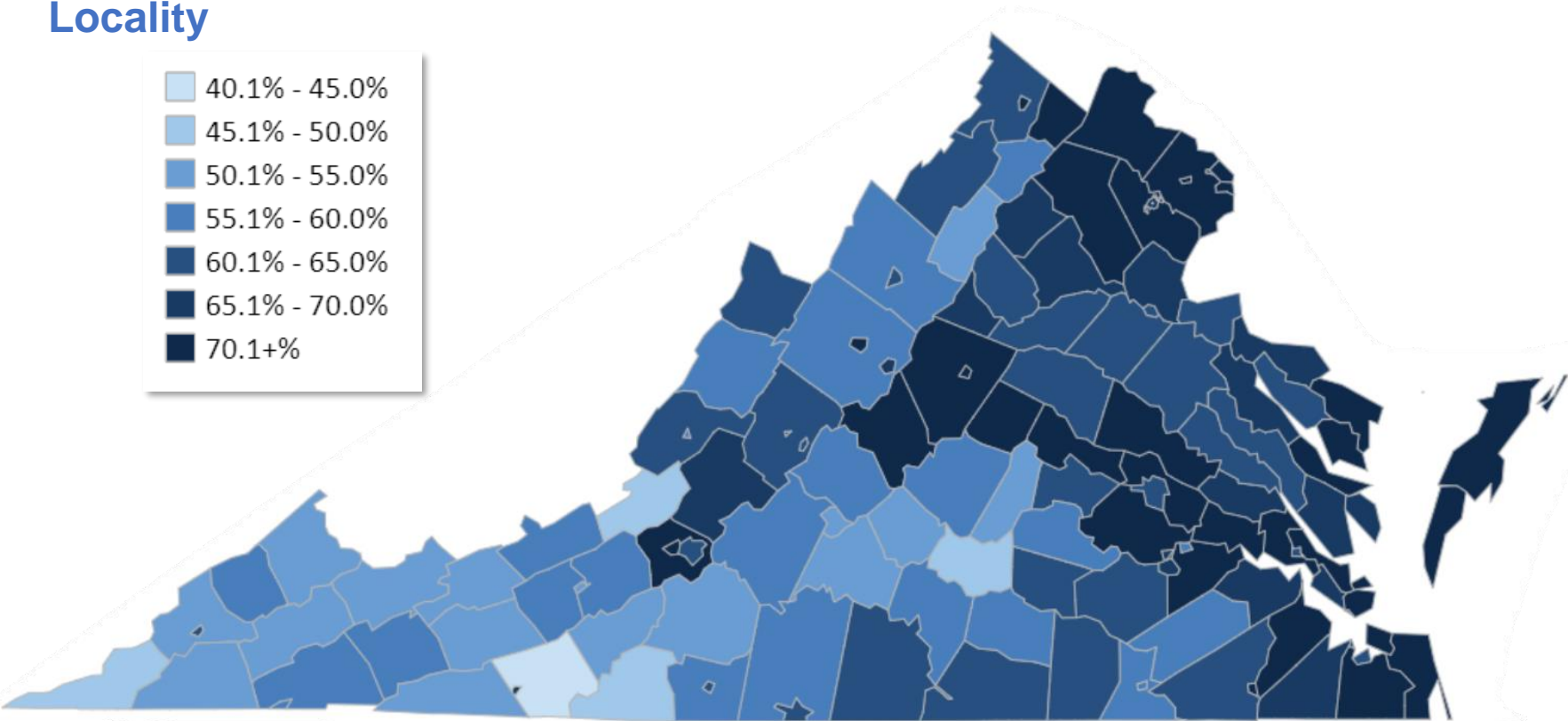


Federal doses not included in this number  
Source: [COVID-19 Vaccine Summary – Coronavirus \(virginia.gov\)](#)



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Percent of the Total Population with at Least One Dose by Locality



First Dose Vaccination Rate by Region for Total Population

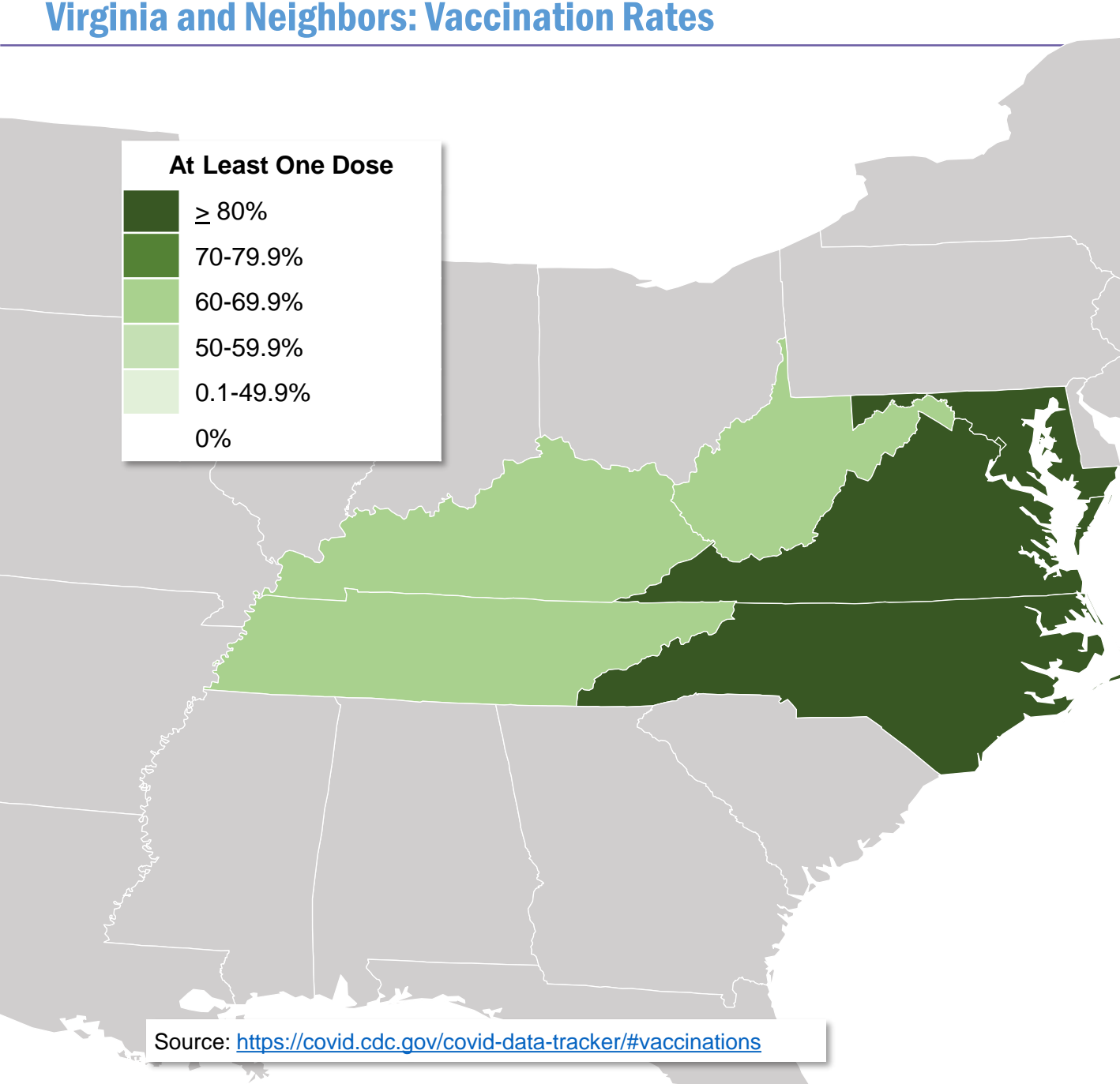
Region Name	1st Dose Vaccination
Central	69.0%
Eastern	73.3%
Northern	83.5%
Northwest	66.1%
Southwest	57.9%

- 5 out of 133 Localities have a first dose vaccination rate below 50%
- 38 out of 133 Localities have a first dose vaccination rate above 70%
- There is a disparity across Urban and Rural areas by Age Groups, with Rural Adolescents the Lowest Vaccinated group

2013 SRHP Isserman Classification	5 to 11	12 to 17	16 to 17	18 to 30	31 to 50	51 to 64	65+	Grand Total
Mixed Urban	44%	74%	78%	75%	74%	85%	93%	76%
Urban	41%	76%	81%	68%	79%	87%	91%	76%
Mixed Rural	28%	53%	60%	59%	64%	75%	85%	66%
Rural	19%	45%	51%	53%	58%	71%	82%	62%
Grand Total	37%	68%	73%	66%	73%	82%	88%	73%

Federal doses not included in this number  
Source: [COVID-19 Vaccine Summary – Coronavirus \(virginia.gov\)](#)





	At Least One Dose*	Fully Vaccinated*	Booster Dose**
Nationwide	76.2% (+1.1%)	64.8% (+1.6%)	50.0%
D.C.	94.9% (+1.7%)	71.2% (+1.6%)	34.4%
Kentucky	65.2% (+0.8%)	56.3% (+1.1%)	42.5%
Maryland	84.7% (+1.2%)	73.8% (+1.5%)	48.3%
North Carolina	82.1% (+1.5%)	59.2% (+1.2%)	25.0%
Tennessee	61.3% (+1.0%)	53.5% (+1.3%)	42.1%
Virginia**	84.3% (+1.3%)	71.8% (+1.7%)	45.4%
West Virginia	64.1% (+0.8%)	56.6% (+0.7%)	43.9%

\*Total population, includes out-of-state vaccinations

\*\*Percent of fully vaccinated people with a booster dose

\*\*\*Differs from previous slide because all vaccination sources (e.g., federal) are included

\*\*\*\* Green percent represents percent increase from three weeks prior